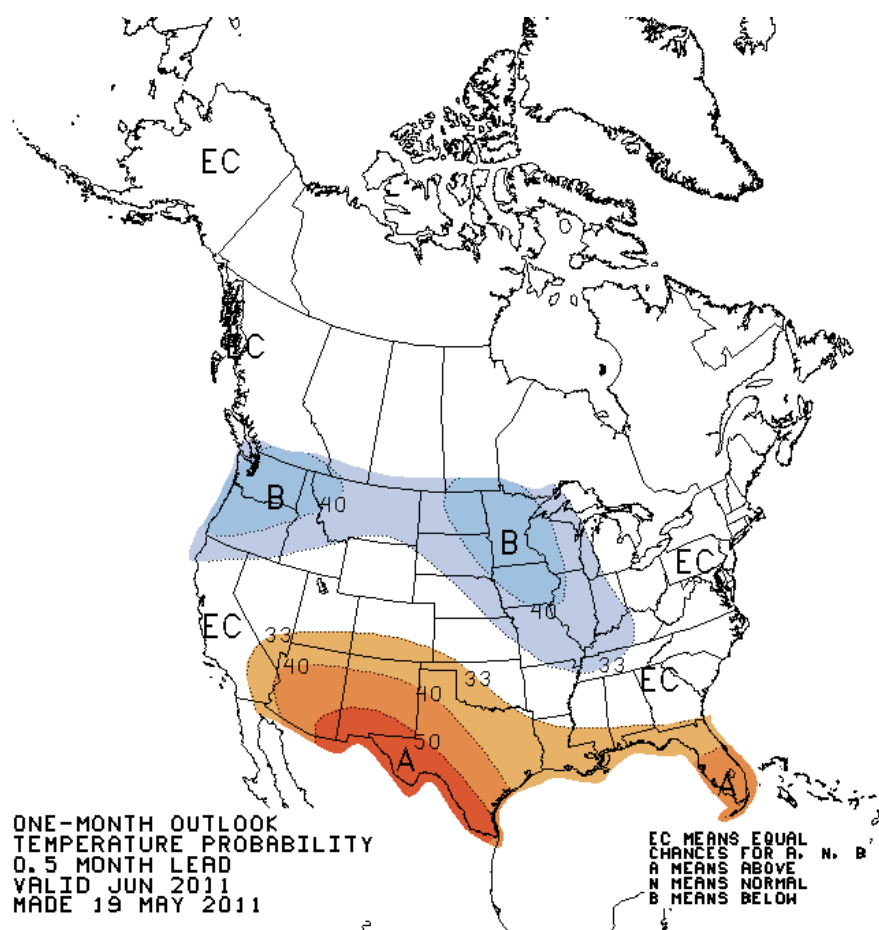


North Central United States June & June-July-August 2011 Climate Prediction Center (CPC) Climate Outlook and Summary

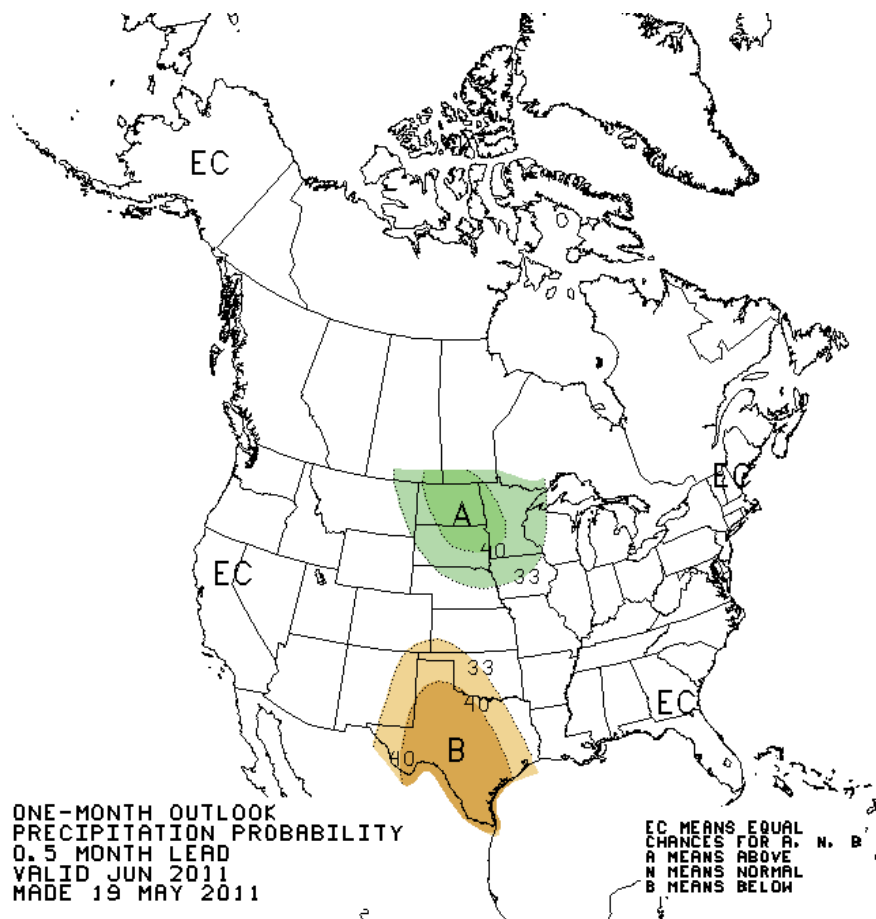
June Temperature Outlook:

Most of the North Central United States has a higher than usual chance for cold temperatures in June. There will be a greater than 40% chance for colder than normal temperatures relative to climatology (with a 33% chance of near normal, and a 17% to 27% chance for warmer than normal) for the eastern Dakotas, Minnesota, and most of Iowa; while a 33% to 40% chance of colder than normal temperatures (with a 33% chance of normal, and 27% to 33% chance of warmer) are indicated for the western Dakotas and eastern Nebraska. Western Nebraska is depicted with indeterminate chances for above-normal, near-normal, and below-normal temperatures.



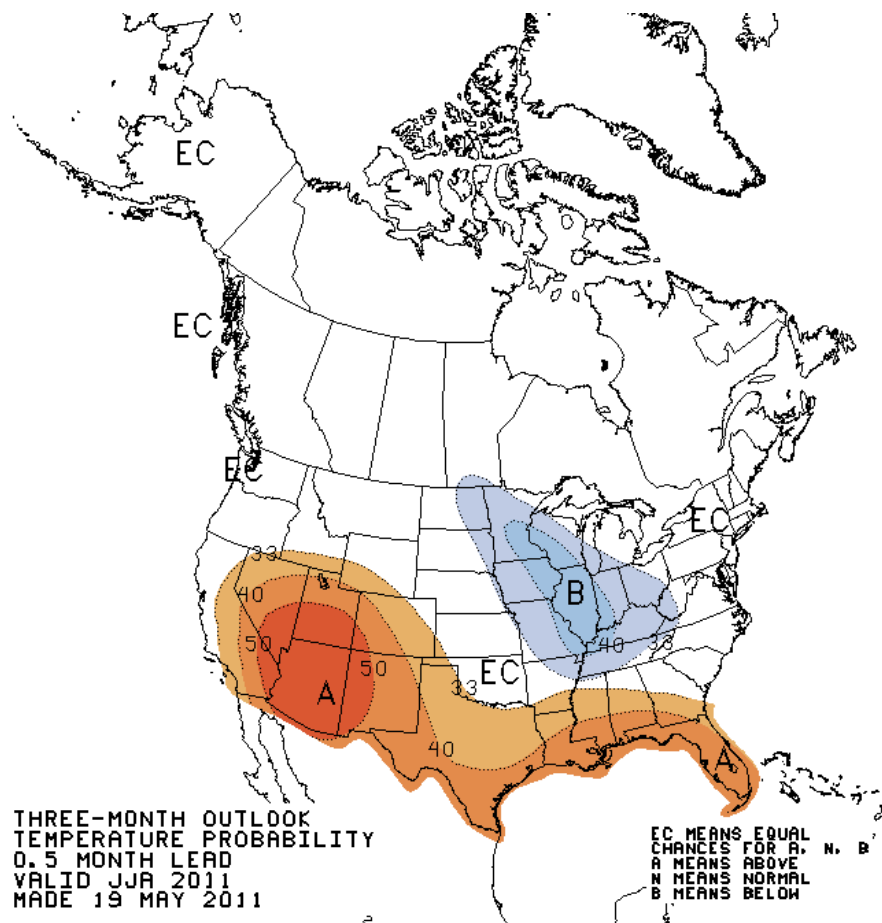
June Precipitation Outlook:

Most of the North Central U.S. also has a higher than usual chance for wet conditions in June. The chance for wet conditions is greatest across the central and eastern Dakotas into western Minnesota, with a greater than 40% chance of above normal precipitation relative to climatology (as well as a 33% chance of normal precipitation, and a 17% to 27% chance of below normal precipitation). Surrounding that area, from the Dakotas through eastern Minnesota and into northern Nebraska and northwest Iowa, there is a 33% to 40% chance of above normal precipitation relative to climatology (with a 33% chance of normal precipitation, and a 27% to 33% chance of below normal precipitation). Indeterminate chances for above-normal, near-normal, and below-normal precipitation lie through southern Nebraska and southern Iowa.



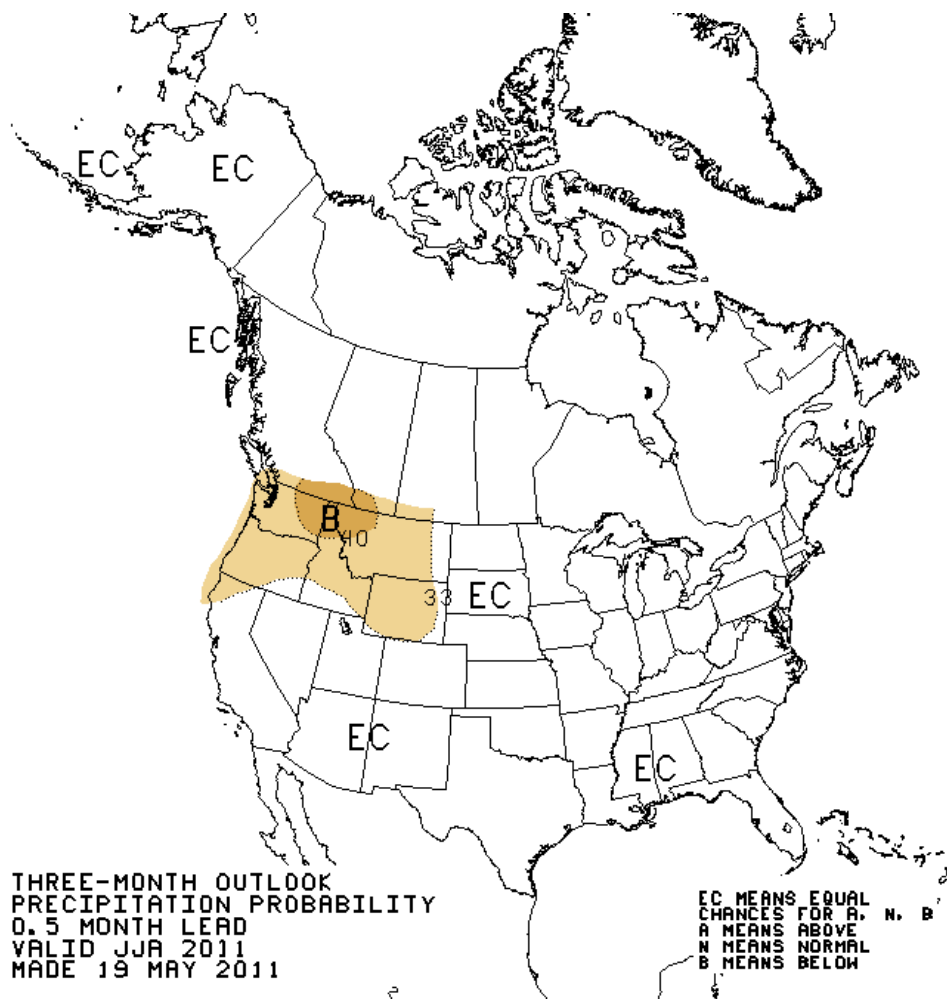
June - August Temperature Outlook:

Much of the eastern half of the North Central Region has a higher than usual chance for cold temperatures in June through August. The chance for cold temperatures is greatest across southeastern Minnesota and eastern Iowa, with a greater than 40% chance of temperatures colder than normal relative to climatology (as well as a 33% chance of temperatures near normal, and a 17% to 27% chance of temperatures above normal). Surrounding that area, over the remainder of Minnesota, the eastern Dakotas and western Iowa, there is a 33% to 40% chance of temperatures colder than normal relative to climatology (with a 33% chance of temperatures near normal, and a 27% to 33% chance of temperatures warmer than normal). Indeterminate chances for above-normal, near-normal, and below-normal temperatures are depicted for the western Dakotas and Nebraska.



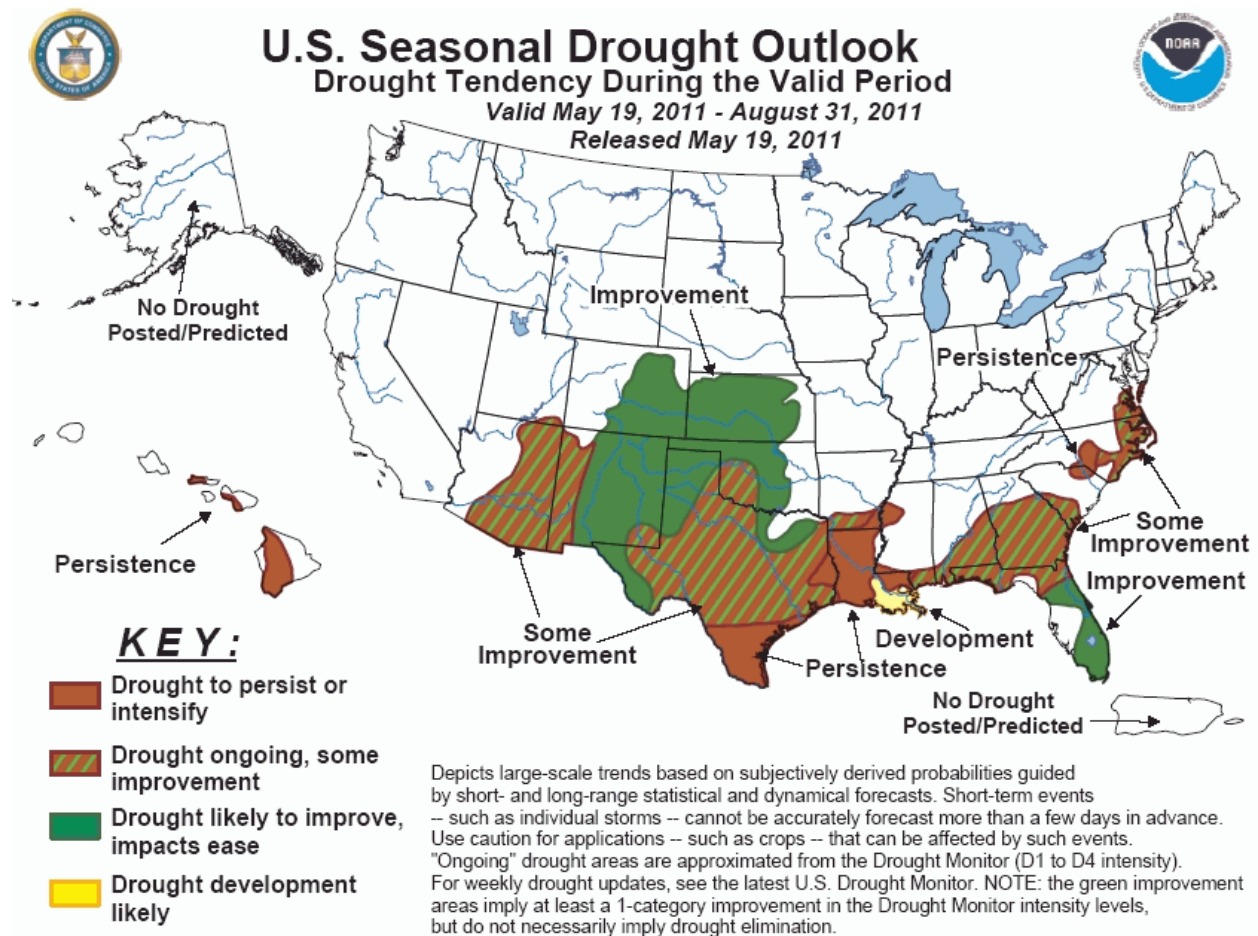
June - August Precipitation Outlook:

The North Central Region has indeterminate chances for above, near, and below normal precipitation for June through August.



Seasonal Drought Outlook for June - August 2011

Drought conditions are not expected over the North Central U.S. for the period of June through August.



Seasonal Outlook Interpretation Guide

The outlooks indicate probability of being in three specific categories in reference to the 30-year climatology from 1971-2000:

Temperature		Precipitation	
Social Science	Climate Science	Social Science	Climate Science
Uncommonly Cold	Below Normal Tercile	Uncommonly Wet	Above Normal Tercile
Uncommonly Warm	Above Normal Tercile	Uncommonly Dry	Below Normal Tercile
Moderate (Neither Warm Nor Cold)	Normal Tercile	Moderate (Neither Wet nor Dry)	Normal Tercile

The National Weather Service Seasonal Climate Outlooks predict the probability of conditions being among the warmest/coldest or wettest/driest (Table 1) terciles of years compared to the period of 1971-2000:

Precip	Temp	Probability of Occurrence			Most likely category
		Above	Near	Below	
		80.0%-90.0%	16.7%-06.7%	03.3%	"Above"
		70.0%-80.0%	26.7%-16.7%	03.3%	"Above"
		60.0%-70.0%	33.3%-26.7%	06.7%-03.3%	"Above"
		50.0%-60.0%	33.3%	16.7%-06.7%	"Above"
		40.0%-50.0%	33.3%	26.7%-16.7%	"Above"
		33.3%-40.0%	33.3%	33.3%-26.7%	"Above"
		33.3%-30.0%	33.3%-40.0%	33.3%-30.0%	"Near Normal"
		30.0%-25.0%	40.0%-50.0%	30.0%-25.0%	"Near Normal"
		33.3%-26.7%	33.3%	33.3%-40.0%	"Below"
		26.7%-16.7%	33.3%	40.0%-50.0%	"Below"
		16.7%-06.7%	33.3%	50.0%-60.0%	"Below"
		06.7%-03.3%	33.3%-26.7%	60.0%-70.0%	"Below"
		03.3%	26.7%-16.7%	70.0%-80.0%	"Below"
		03.3%	16.7%-06.7%	80.0%-90.0%	"Below"
		33.3%	33.3%	33.3%	"Equal Chances"